



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,880	03/25/2004	Samantha Bench	15436.325	7792
22913	7590	05/12/2005	EXAMINER	
WORKMAN NYDEGGER (F/K/A WORKMAN NYDEGGER & SEELEY) 60 EAST SOUTH TEMPLE 1000 EAGLE GATE TOWER SALT LAKE CITY, UT 84111			TSAI, CAROL S W	
			ART UNIT	PAPER NUMBER
			2857	

DATE MAILED: 05/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/809,880

Applicant(s)

BENCH ET AL.

Examiner

Carol S. Tsai

Art Unit

2857

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 March 2004.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1,2,6-12,14,15 and 17-23 is/are rejected.
7) ☒ Claim(s) 3-5,13 and 16 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 2, 6, 7, 9-12, 14, 15, and 17-23 are rejected under 35 U.S.C. 102(b) as being anticipated by U. S. Patent No. 6,524,123 to Kedrowski et al.

With respect to claims 1, 11, 12, 17, and 20, Kedrowski et al. disclose an evaluator comprising: an electrical connection receptacle (circuit board connector 20 shown on Fig. 2) mounted on the evaluator board (circuit board 25 shown on Fig. 2); a connection base (quick-release connector 10 shown on Fig. 2) mounted on the evaluator board, the connection base being configured to receive an upper surface of a subcomponent (see col. 3, lines 13-32); one or more electrical points (contact 70 shown on Fig. 2) extending from the exposed surface of the connection base, the one or more electrical points providing a communicable electrical connection between the upper surface of the subcomponent and the one or more circuit traces (see col. 5, lines 10-53); and a securing mechanism positioned substantially over the connection base (see col. 7, lines 25-32).

As to claim 2, Kedrowski et al. also disclose the subcomponent being at least one of a printed circuit board for use in an optical transceiver, a module interface board, and a test coupon board (see col. 5, lines 25-33).

Art Unit: 2857

As to claims 6, 7, 14, 15, Kedrowski et al. also disclose one or more stoppers extending from the evaluator board, the one or more stoppers positioned such that the subcomponent is received into the electrical connection receptacle while maintaining electrical conductivity (see col. 6, lines 40-53).

As to claims 9, 10, 18, 19, 22, and 23, Kedrowski et al. also disclose one or more connection ports for connecting the evaluator board to a computerized system, wherein the one or more connection ports include at least one of a serial port, a parallel port, a small computer system interface port, a USB port, an Ethernet port, and an optical connection port (see col. 1, lines 11-18).

As to claim 21, Kedrowski et al. also disclose aligning one of the front end and the back end of the subcomponent to be tested into an edge connection receptacle (see Fig. 1).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kedrowski et al. in view of U. S. Patent No. 6,064,195 to Clayton et al.

Art Unit: 2857

As noted above, Kedrowski et al. disclose the claimed invention, except for a clamp having a depressible arm and a retractable clamp head.

Clayton et al. teach a clamp having a depressible arm and a retractable clamp head (see col. 7, lines 23-27).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify 's system to include a clamp having a depressible arm and a retractable clamp head, as taught by Clayton et al., in order to form a clamp for immobilizing or allowing free movement to the probe body (see col. 7, lines 24-25).

Allowable Subject Matter

5. Claims 3-5, 13, and 16, as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

De Barros et al. disclose a controller module including a cast module base having a central recess with a peripheral ledge.

Engstrom discloses a method for producing opto-electronic devices, such as opto-mechanical mouse devices, which includes adjusting a detector signal after a detector and emitter are connected to the remaining circuitry associated with the opto-electronic device.

Art Unit: 2857

Smith discloses a circuit board handling and testing apparatus comprising a housing which defines a top surface.

Traeger discloses system having plurality of docking unit receptacles for transmitting data between plurality of portable data entry terminals in local area network with a central controller.

Robinson discloses a load board adapter which is removably attachable to a load board and provides removable and replaceable sockets for individual integrated circuit packages to provide an electrical connection between the integrated circuits and the circuit tester to facilitate testing of relatively small quantities of electronic devices on high volume testers.

Contact Information

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carol S. W. Tsai whose telephone number is (571) 272-2224. The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc S. Hoff can be reached on (571) 272-2216. The fax number for TC 2800 is (703) 872-9306. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2800 receptionist whose telephone number is (571) 272-1585 or (571) 272-2800.

In order to reduce pendency and avoid potential delays, Group 2800 is encouraging FAXing of responses to Office actions directly into the Group at (703) 872-9306. This practice may be used for filing papers not requiring a fee. It may also be used for filing papers which

Art Unit: 2857

require a fee by applicants who authorize charges to a PTO deposit account. Please identify the examiner and art unit at the top of your cover sheet. Papers submitted via FAX into Group 2800 will be promptly forwarded to the examiner.

A handwritten signature in black ink, appearing to read "Carol S. W. Tsai". The signature is fluid and cursive, with the first name "Carol" being the most prominent.

Carol S. W. Tsai
Primary Examiner
Art Unit 2857

04/26/05